

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/34466

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/5025; C07D 237/32, 237/34, 487/04.
US CL : 514/248; 544/234,235 and 237.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/248; 544/234,235 and 237.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAS ONLINE STRUCTURE SEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	Lebsack et al. Identification and Synthesis of [1,2,4]triazolo[3,4-a]phthalazine derivatives as high-affinity ligands to the $\alpha_2\delta_1$ -1 subunit of voltage gated calcium channel. Biorganic & Medicinal Chemistry Letters. May 2004, vol.14, No.10, pages 2463-2467, especially pages 2464-2465.	1-17,20-22,28,31 and 32.
X	WO 02/42305 A1 (MERCK) 30 May 2002 (30.05.2002), see especially pages 1-20 and examples 31 and 37 on page 79.	1-9,17-19,29,33
Y	US 2003/0176449 A1 (BLACKABY et al.) 18 September 2003 (18.09.2003), see page 1 right column.	21-33,35-37

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

07 March 2005 (07.03.2005)

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28 MAR 2005

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